Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014

Message Text

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PAGE 01 STATE 105176
ORIGIN DLOS-09

INFO OCT-01 IO-14 ISO-00 EB-08 OES-07 /039 R

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FM SECSTATE WASHDC
TO USMISSION GENEVA

UNCLAS STATE 105176

FOR US DEL LOS - CHRISTOPULOS

E.O. 11652: N/A

TAGS: PLOS

SUBJECT: DETAILS ON MIT STUDY

1. FOLLOWING IS THE BREAKDOWN OF THE COMBINED NICKEL-COPPER PERCENTAGES USED IN THE MIT STUDY AS PROVIDED BY SEBENIUS:

--A. THE BREAKDOWN OF THE COMBINED ORE GRADE FOR 2.0 PER CENT NICKEL/COPPER IS 1.1 PER CENT NICKEL AND .9 PER CENT COPPER.

--B. SIMILARLY, THE 2.4 PER CENT COMBINED GRADE IS 1.3 PER CENT NICKEL AND 1.1 PER CENT COPPER.

--C. FINALLY, 2.8 PER CENT COMBINED GRADE IS 1.5 PER CENT NICKEL AND 1.3 PER CENT COPPER.

2. THE CONSENSUS AT THE STANLEY FOUNDATION MEETING IN NEW YORK ON JANUARY 28 OF THIS YEAR FOLLOWS (FROM STANLEY
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PAGE 02 STATE 105176

FOUNDATION REPORT):

--"FIGURES WERE OFFERED AND CORROBORATED WHICH SUGGESTED THAT COMMERCIALLY USEFUL NODULES MUST CONTAIN NOT LESS THAN 2.5 PER CENT COMBINED NICKEL AND COPPER. THESE TWO METALS TYPICALLY OCCUR IN NODULES IN A RATIO OF ABOUT 12 TO 11. IT IS BELIEVED THAT BETWEEN 90 AND 95 PER CENT OF BOTH

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METALS WILL BE RECOVERABLE (ACCORDING TO ONE SOURCE, THE MAXIMUM NICKEL PLUS COPPER CONTENT WHICH ONE COULD REASONABLY EXPECT TO FIND WOULD BE 2.7 PER CENT). SUCH NODULES COULD ALSO BE EXPECTED TO CONTAIN BETWEEN .2 AND .25 PER CENT COBALT AND BETWEEN 25 AND 30 PER CENT MANGANESE, RECOVERABLE AT RATES VARIOUSLY ESTIMATED FROM 75 TO 95 PER CENT."

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NICKEL, COPPER, STUDIES, MINERALOGY
Control Number: n/a
Copy: SINGLE
Draft Date: 25 apr 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
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Disposition Remarks:
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Expiration:
Film Number: D780177-0139
Format: TEL
From: STATE
Handling Restrictions: n/a
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Legacy Key: link1978/newtext/t19780419/aaaaapmt.tel
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Litigation History:
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Message ID: 086abca7-c288-dd11-92da-001cc4696bcc
Office: ORIGIN DLOS
Original Classification: UNCLASSIFIED
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Review Withdrawn Fields: n/a
SAS ID: 2853592
Secure: OPEN
Status: NATIVE
Subject: DETAILS ON MIT STUDY
TAGS: PLOS, EMIN, MIT
To: GENEVA
Type: TE
vdkvgwkey: odbc://SAS/SAS.dbo.SAS_Docs/086abca7-c288-dd11-92da-001cc4696bcc
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20 Mar 2014
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